LINK ELECTRONICS, INC.

ANALOG VIDEO SWITCH MATRIX

MODEL 816-OP/A

MADE IN THE USA

816-OP/A Analog Video Matrix

The AVS-816 has eight options to configure the unit to be Analog, SD/SDI or HD/SDI for Video and Audio. The audio can be configured for AES or Analog. The 816-OP/A is the analog video plug-in board. The AVS-816 chassis and the 816-OP/A board make up a video only switcher.

You must select the video matrix and audio matrix to make up the desired switcher format. You have the choice of analog or digital for both video and audio. In the case of AES audio, you have the option of BNC unbalanced or Plug-in 3-pin Weco balanced connectors. You can choose the 816-OP/A Analog Video, the 816-OP/C SD/SDI video or 816-OP/HD HD/SDI video for an analog, SD/SDI or HD/SDI switching only. The unit can be configured for analog audio or AES only switching.

Software is supplied with all AVS series to control up to 32 switchers from a single computer. See data sheets for the AVS-816/SA analog switcher and AVS-816/SD for SD/SDI system switcher. A remote control is available for the unit, model PSR-816. The plug-in choices are:

AVS-816, Chassis, power supply and motherboard
816-OP/A, Analog video matrix, 16X1, two outputs
816-OP/B, Analog audio matrix, 16X1, two outputs
816-OP/C, SD SDI video matrix, 16X1, one SD SDI and one analog
816-OP/D, AES audio matrix, 16X1, one AES and one analog
816-OP/E, AES rear panel for Weco 3-pin connectors
816-OP/F, AES rear panel for BNC connectors
816-OP/G, GPI option
816-OP/HD, HD/SD SDI video matrix, 16X1, two outputs

Customer selects the above desired options, and the factory configures to your requirement.

LINK **ELECTRONICS, INC.** ◆ 2137 Rust Avenue ◆ Cape Girardeau, MO 63703-7668
Phone 573 334 4433 ◆ FAX 573 334 9255

MODEL 816-OP/A ANALOG VIDEO SWITCHING MATRIX

SPECIFICATIONS

ANALOG VIDEO INPUTS:

Number: . . . . . Sixteen (16)
Impedance: . . . . . 75Ω±1%
Configuration: . . . . . Single-ended
Level: . . . . . 1Vpp ±3dB

ANALOG OUTPUTS:

Number: . . . . . Two (2)
Level: . . . . . Unity Gain ±1%
Impedance: . . . . . 75Ω±1%
Frequency Response: . . . . . ±0.5dB to 15 MHz
. . . . . 3dB to 30 MHz
Differential Phase: . . . . . <0.1°
Differential Gain: . . . . . <0.1%
Tilt: . . . . . <0.5%
S/N Ratio: . . . . . >70dB
Propagation Delay: . . . . . 161nS ±0.2nS
Crosstalk: . . . . . >60dB, Worst Case

MECHANICAL:

Size:
Height: . . . . . 1.375 "
Width: . . . . . 6.25"
Depth: . . . . . 7.0"
Weight: . . . . . 8.5 oz

ENVIRONMENTAL:

Temperature: . . . . . 0° to 50° C, ambient
Humidity: . . . . . 0% to 90% non-condensing

POWER:

Input: . . . . . 120/240 VAC ±10% 50/60 Hz
Power: . . . . . 8 VAR

When configured, the chassis should look like this photo

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